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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Joydip Kundu, Richard L. Frank,  
Michael J. Cusson and Daniel E. O'Shaughnessy

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**BOX AF**

Application No.: 09/322,472 Group: 2143

Filed: May 28, 1999 Examiner: Vaughn, Jr., William C.

Confirmation No.: 8046

For: Using a Cluster-Wide Shared Repository to Provide the Latest Consistent  
Definition of the Cluster (Avoiding the Partition-In-Time Problem)

CERTIFICATE OF MAILING OR TRANSMISSION	
I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as First Class Mail in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, or is being facsimile transmitted to the United States Patent and Trademark Office on:	
<u>3/1/2005</u>	<u>Loretta A. Boudreau</u>
Date	Signature
<u>LORETTA A. BOUDREAU</u>	
Typed or printed name of person signing certificate	

Mail Stop AF  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Transmitted herewith is an Amendment After Final Action for filing in the above-identified application.

[ ] Small entity status of this application under 37 C.F.R. 1.9 and 1.27 has been established by a Small Entity Statement previously submitted.

[ ] A Small Entity Statement to establish small entity status under 37 C.F.R. 1.9 and 1.27 is enclosed.

The fee has been calculated as shown below:

(COL. 1)	(COL. 2)	(COL. 3)	(COL. 4)	(COL. 5)
	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NO. PREVIOUSLY PAID FOR	PRESENT EXTRA
TOTAL	67	MINUS	* 67	0
INDEP	14	MINUS	** 14	0
<input type="checkbox"/> FIRST PRESENTATION OF MULTIPLE DEP. CLAIM				

\* not fewer than 20  
\*\* not fewer than 3

SMALL ENTITY	
RATE	ADDIT. FEE
X \$ 25	\$
X \$ 100	\$
+ \$ 180	\$

TOTAL = \$ 0

OTHER THAN SMALL ENTITY	
RATE	ADDIT. FEE
X \$ 50	\$
X \$ 200	\$
+ \$ 360	\$

TOTAL = \$ 0

**Petition for Extension of Time**

- ☐ Applicant hereby petitions to extend the time to respond to the [ ] dated [ ] for [ ] month(s) from [ ] to [ ]. The appropriate fee of \$[ ] is included in the enclosed check.
- ☐ A [ ] month extension of time to respond to the Notice to File Missing Parts dated [ ] was filed on [ ] with payment of a \$[ ] fee
- ☐ Applicant hereby petitions for an additional [ ] month extension of time to respond to the Notice to File Missing Parts. The appropriate fee of \$[ ] is included in the enclosed check.

**Please charge Deposit Account No. 08-0380 for the following fees:**

<input type="checkbox"/> Petition for [ ] month Extension of Time	\$ _____
<input type="checkbox"/> Amendment Fee	\$ _____
<input type="checkbox"/> Other Fees:	\$ _____
_____	\$ _____
_____	\$ _____
TOTAL:	\$ <u>0</u>

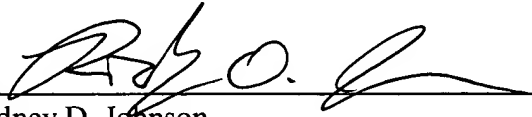
**A check is enclosed in payment of the following fees:**

<input type="checkbox"/> Petition for [ ] month Extension of Time	\$ _____
<input type="checkbox"/> Amendment Fee	\$ _____
<input type="checkbox"/> Other Fees:	\$ _____
_____	\$ _____
_____	\$ _____
TOTAL:	\$ <u>0</u>

- ☒ A general authorization is hereby granted to charge Deposit Account No. 08-0380 for any fees required under 37 C.F.R. 1.16 and 1.17 in order to maintain pendency of this application. A copy of this authorization is enclosed for accounting purposes.

Respectfully submitted,

HAMILTON, BROOK, SMITH & REYNOLDS, P.C.

By   
 Rodney D. Johnson  
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Dated: March 1, 2005



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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and Daniel E. O'Shaughnessy

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PROVIDE THE LATEST CONSISTENT DEFINITION OF THE  
CLUSTER (AVOIDING THE PARTITION-IN-TIME PROBLEM)

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Date	Signature
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Typed or printed name of person signing certificate	

AMENDMENT AFTER FINAL

Mail Stop AF  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

This Amendment After Final is being filed in response to the Final Office Action mailed from the U.S. Patent and Trademark Office on December 1, 2004.